

Frente Obrero: 'How to Tell Revolutionaries From Reformists and Revisionists', by Alberto Sanchez, 5 pp.
SPANISH, per, Frente Obrero, Oct 1964, pp 8-9.
JPRS 28690

WE-Belgium Pol Feb 65

275,132

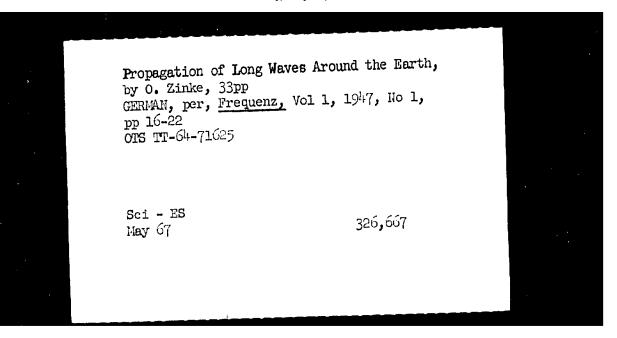
Progress in the Field of the Contact Rectifier, by E. Roll 66 pp.

GERMAN, per, Frequenz, Vol I, No 1, 1947, pp 2-15.

SIA 59-10786

Sci Dec 59 Vol 2, No 5

104,272



Back-Fed Aerials, by J. Grosskopf, 15 pp.

GERMAN, per, Frequenz, Vol III, Jun 1949, pp 157-164.

CIA/FDD/Z-95

Scientific - Electronics Apr 54 CTS/DEX

12,395

ACS12571

Wilcher, E.
A PIEZO-BLECTRIC MEASUREMENT DEVICE FOR
THE DETERMINATION OF ACCELERATIONS OF
SHORT DURATION. [1962] 9p. (figs. [refs.] omitted).
Order from SLA \$1.10 63-100?8

Trans. of Frequenz (Germany) 1949, v. 3 [no. 8] p. 244-249.

DESCRIPTORS: \*Piezoelectric gages, \*Meters, \*Acceleration, Damping, Oscillation, Resonance.

An acceleration - and pressure-measuring device is described which operates according to the piezo-electric principle. An experimental investigation is carried out of the resonant frequency and degree of damping of the oscillating system. Proof is furnished that the apparatus may be adjusted to a degree of damping which is optimal for the recording of oscillation. (Author) (Physics--Electricity, TT, v. 9, no. 12)

63-10028

1. Völcker, E.

Office of Tachelest Services

APPROVED FOR RELEASE: Monday, July 28, 2003

CIA-RDP91-00929R000201020073-7

Theory and Estimation of Distortion in Optical Oscillograms, by W. Hartel.

GERMAN, per, Frequenz, Vol IV, No 10, 1950, pp 271-278; No 11, 1950, pp 289-294.

RAE Farnaborough Tr 682 SLA 57-3304 59, 272

Sci - Physics

Mar 58

Assume Acethetic and Playability requirements of Electronic Organs, by Walter Kwasnik,  $8~\mathrm{pp}$ .

GERMAN, per, Fraguenz, Vol 5, 1951, pp 27-29.

s.L.A. Tr 1375/1956

Sci - Electronics Feb 57 CTS/dex 43,557

Etudies on the Theory of the Differential Transformer, by Gerhard Schmitt, 10 pp.

Full translation.

GERMAN, per, Frequenz, Vol V, Germany, 1951, pp 39-44.

CIA/FDD/Z-24

MEUR - Gorgany
Scientific - Communication, Electricity, Differential
transformer

Oct 52 CTS/DEX

The Dielectric and Magnetic Properties of Some Ferrites at High Frequency, by P. Wagenknecht

GERMAN, per, Frequenz, 5 (6), 145-155, June 1951

TPA3/TIB Tr No T 3969

Scientific - Electricity

Fluid Damping of Oscillograph Galvanometers, by W. Hartel

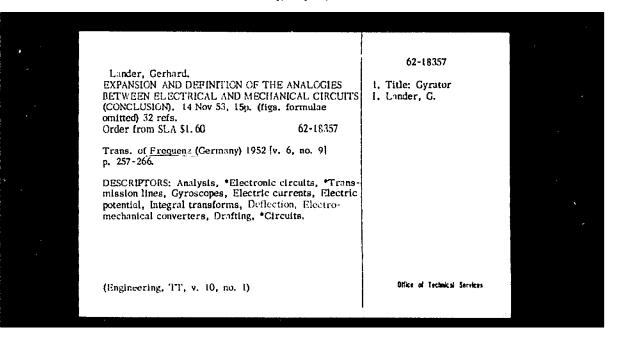
GREMAN, per, Frequenz, Evol V, No 9, 1951, pp 233-205.

R.A.E. Fernborough 413

Scientific - Electricity CTS/DEX

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Frequency Measurements of High Precision, by Karlheinz Gosslau. UNCLASSIFIED

GERMAN, per, Frequenz, Vol VI, No 9, Sep 1952, pp 249-255.

Havy Tr 945/BuShips 541

Scientific - Electronics Feb 54 CTS/DEX

9354

Arithmetic Determination of Effective Masses, Resonance Frequencies, Distribution of Torsional Moments, and Deflections in Rotary Oscillating Systems, by T. O'Callaghan. GERMAN, per, Frequenz, Vol. 6, 1952, pp 295-304. NZDSIR/REF. NO. 659.

Sci -July 1967

334-046

On the Theory of the Magnetic Amplifier With Free Magnetization, by Ludwig Kuhn, 8 pp.

RESIAN, per, Frequenz, Vol VII, No 4, Apr 1953, pp 90-94.

CIA/FDD/Z-134

Scientific - Electronics

CTS 65/Feb 55

21,265

Development Trends in Electrical Components

For Communication Equipment, by P. H.

Elemninger, UNCLASSIFIED PT1

GERMAN, per, Frequenz, Vol VII, No 12,
1953, pp 345-359.

ATIC F-TS-8323

19, 357

Scientific - Electronics

Trends in the Development of Electric Components for Communications Equipment, Part II, by P. Henninger, 34 pp. UNCLASSIFIED

GERMAN, per, Frequenz, Vol VIII, Mark Ho 1, Jan 1954, pp 7-17.

ATIC F-TS 8324/III

Scientific - Electronics 18, 858

On Gap of Preparation in Magnetic Systems for Recording and Reproduction of Magnetrograms, by K. A. Egerer, 8 pp.

GERMAN, per, Frequenz, Vol VIII, No 6, 1954, pp 180-182.

SLA Tr 57-2763

Sc1

Jul 58

68,302

Antennas for UHF Radio and Television, by W. Stochr, (AF 637802).

GERMAN, per, Frequenz, Vol VIII, No 8, 1954, pp 240-248.

ATIC F-TS-8487

Scientific - Electronics
CTS73/Oct 55

The Siemens Single-Sideband Receiver EN 2/6, by E. Schulz, D. Leypold, H. Schreiber, 20 pp.

GERMAN, per, Fraguenz, Vol VIII, No 10, Oct 1954, pp 306-313. (loan copy only)

**SLA 57-2752** ATS/397-GJ

Sci Aug 58

70,749

Translator as Amplifying Klement for Reszing Aids, by C. Starks.

CERMAN, per, Frequence, Vol. IX, 1955, pp 1-15.

CSIRO

Sci - Electron May 62

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Limits of the Audibility of Mon-Linear Distortions in the Transmission of the Sounds of Musical Instruments, by G. Gassler, 36 pp.

GERMAN, per, Frequenz, Vol IX, No 1, Jan 1955, pp 15-25.

Sci - Physics

81A Tr 57-1065 5-2,345

Sep 57

A Mathed for Measuring the Ripple of Electron Reams, by J. Rerghammer, 14 pp.

GERMAN, per, Frequenz, Vol IX, No 1, 1955, pp 25-28.

SIA Tr 57-2747

Sci

Jul 58

68,300

Ceneral Postures of the Z 12 E Carrier System. A System for Short and Long Haul. Communication, by O. Schmitt, et al.

GERMAN, per, Programs, Vol IX, 1955, pp 33-1.

CHIRO

199,595

Bof - Chem May 62

The New Laboratory Building of Siemens and Halske, A. G. in Munich. UNCLASSIFIED

GERMAN, per, Frequenz, No 2, Feb 1955, p 67.

SCIA Tr No 1018

EEur - Germany Economic

23,400 Apr 55 CTS/DEX

On the Measurement of the Intelligibility of Speech, by H. Schneider, 28 pp.

OFRMAN, per, Frequenz, Vol IX, No 6, Jun 1955, pp 199-205.

S.L.A. Tr 57-359

Sci - Physics May 57 48, 723

The Problem of the Accuracy of Evaluation of Oscillograms, by W. Hartel.

GERMAN, per, Frequenz, Vol IX, No 8, 1955, pp 264-273.

RAE Farnsborough Tr 613

Sci - Electronics

51,188

Aug 57

The Writing Speed of Optical Oscillographs, by W. Hartell.

GERNAN, per, Frequent, Vol IX, No 9, 1955; pp 319-324.

St A 57-1769 R.A.E. Farnsbourough Tr 624

Sci - Physics
Jul 57

50,792

Reduction of Power-Current Effects on Communication Es Cables with Sheaths of Various Kinds, by P. Simon.

GERMAN

233-338. per, Frequenz, Vol IX, Oct 1955, pp

ASLIB-GB54

8c1

Aug 59

95, 262

The Compensation of Interference in Carrier Frequency Receivers by Opposition Cancellation of a Parallel Receiver, by H. Kaden.

GERMAN, per, Frequenz, Vol X, No 3, 1956, pp 76-82.

\*Redstone Arsenal, Alabama

Sci - Electron 17 May 63

Intelligibility of Amplitude-Limited Speech, by H. Schneider.

CHERMAN, per, Frequenz, Vol X, No 4, 1956, pp 97-106.

CSIRO

Sei - Electronics May 62

196,405

Interference Caused by Echoes From Multi-Channel Directive Beacon Paths With Frequency Modulation, by G. Bosse, M. Wegner.

GERMAN, per, <u>Frequent</u>, Vol X, May 1956, pp 137-142.

AT1/401-GJ

Sci Apr 59

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Interrogating Magnetic Storages Without Losing Data, by A. Darre, 28 pp.

GERMAN per, Frequenz, Vol II, No 1, 1957, pp 19-27.

SIA 57-1978

Sci May 58

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Replies Received from a Magnetic Register Without Loss of Information, by A. Darre.

GERMAN, per, Fraguens, Vol XI, No 1, Feb 1957, pp 19-27 and pp 38-42.

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Sci

Jul 59

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Interrogating Magnetic Storage Without Losing Data, by A. Darre, 16 pp.

GERMAN, per, Prequenz, No 1, 1957, p 27.

SLA 3427

Sci
Jul 58

Log in Germanium Diodos and Its Effect in Simple Rectifier and Limiter Configurations, by Walter Heinlein, 26 pp.

GERMAN, per, Frequenz, Vol XII, No 5, 1958, pp 159-163; continued in Frequenz, Vol XII, No 6, 1958, pp 191-198.

MDF H-103 9092792

Sci

172,831

Nov 61

Bandwidth and Efficiency of Short Antenna Systems (h< $\lambda$ /10), by H. E. Froeling, 49 pp.

GERMAN, per, Frequenz, Vol XII, No 9, 1958, pp 273-284.

SIA 59-10630

Sci Dec 59 Vol 2, No 5

104,270

Ebisch, M.

COANIAL STANDING WAVE DETECTORS INSERTS
OF HIGH PRECISION FOR THE FREQUENCY RANGE
1 THROUGH 13 Gc. [1963] 12p. 1 ref.
Order from SLA \$1.60 63-18167

Trans. of Frequenz (West Germany) 1959, v. 13, no. 2, p. 52-56.

DESCRIPTORS: \*Standing-wave indicators, \*Measuring devices (Electrical and electronic), Coaxial cables, High frequency,

In microwave technology apparent resistance as far as amplitude and phase is concerned they are usually measured by standing wave detectors. For such purposes two interchangeable coaxial standing wave detectors with characteristic impedances of 50 and 60 ft. were created. Their properties and application (Engineering--Electronic, TT, v. 10, no. 11) (over)

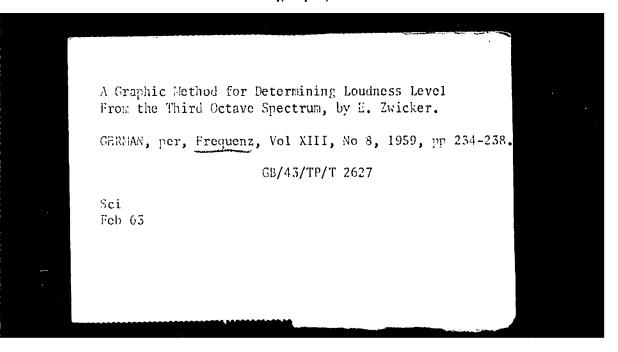
Waveguide Filters With Increased Slope Damping Characteristics, by F. Kunemund, 16 pp.

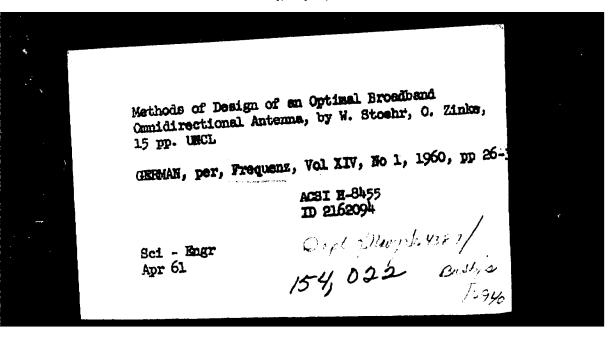
(MRMAN, per, Frequenz, Vol XIII, No 4, 1959, pp 97702.

SLA 60-18902

203,529

Sci
Jun 62





Mitterer, R. Mitterer, R.

DETERMINATION OF FREQUENCY VARIATIONS
WITH AN UNCERTAINTY OF 10<sup>-9</sup> TO 10<sup>-13</sup> BY
DIGITAL PERIOD-DURATION MEASUREMENT OF A
BEAT (Bestimming von Frequenzschwankungen mit
einer Unsicherheit von 10<sup>-9</sup> bis 10<sup>-13</sup> durch Digitale
Periodendauer-Messung einer Schwebung) tr. by D. A.
Sinciair. 1961, 16p. 5 refs. NRCC Technical Trans.
994.

Order from NRCC \$1.00

NRCC C-3845

Trans. of Frequenz (Germany) 1960, v. 14, no. 5, p. 157-162.

DESCRIPTORS: \*Quartz crystals, Crystals, \*Crystal oscillators, \*Frequency, Drift, Measurement, Voltage, Noise, Standards, Stability, Time interval counters.

Engineering-Electronic, TT, v. 8, no. 2)

62-12443

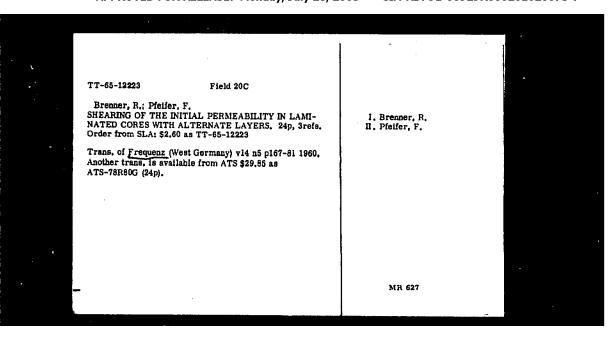
I. Mitterer, R. II. NRCC TT-994
III. NRCC C-3845
IV. National Research Council of Canada

Mary FU 3485/APL 718

Office of Technical Services

APPROVED FOR RELEASE: Monday, July 28, 2003

CIA-RDP91-00929R000201020073-7



A Method of Improving the Definition of Photographic, Radiographic and Radioscopic Images, by Karl Kohler, 11 pp.

GERMAN, per, Frequenz, Vol XV, No 1, 196/

Sci - Electron

11 Sep 61

The Disgn of Filters With the Aid of the Catalog of Hormalized Low-Pass Filters, by R. Saal, 27 pp.

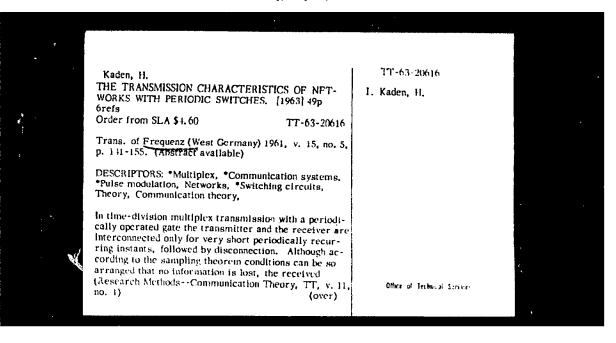
GERMAN, per, Frequenz, Vol XV, No 4, 1961, pp 111-121. 9689234 (Challest)

Exmanuel Coll Res Lang Ctr E-T-R-G-62-28

075 63-18084

Sci - Engr Aug 63

343,451



Development of a High Constancy Shortwave Decade Exciter Stage for a Range of 1.5 to 30 Me/s, by H. Valdorf, R. Klinger.

CERBIAN, per, Frequenz, Vol XIV, No 10, 1961, pp 3-11.

TIL T 5326

Sci - Klec

Aug 63

343,656

The Fringe Variation of Capacitors of Finite Thick Plates With Application to Magnetic Calculations, by M. Mueller. GERMAN, per, <u>Frequenz</u>, Vol 15, 1961, pp 286-293.
NTC 72-10145-10C

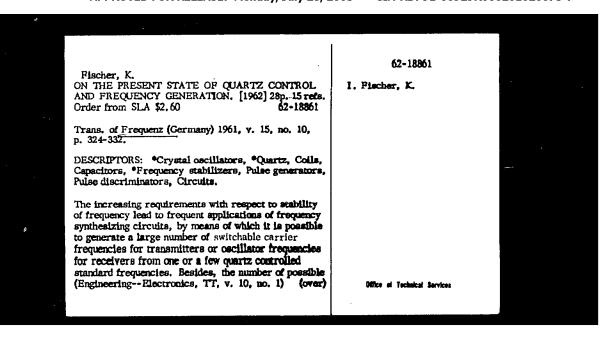
Apr 72

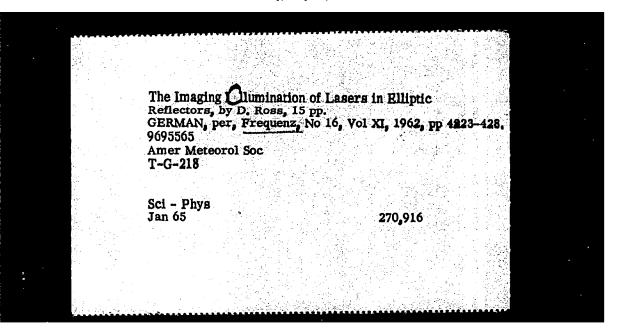
Contributions to the Theory of Electroacoustic Transducers, by F. Spandock, GERMAN, per, Frequenz, Vol XV, 1961, pp 365-371, 2-33, 404-412.

Dept of Navy/ARL No 1077

COPYRICHTED Sci-Electr & Elect Engr Jam 67

318,196





Kotowski, J., Muschaweck, J., and Fritz, K.
HONEYCOMB GRIDS FOR KLYSTRONS (Wabengitter
für Klystrons). [1963] [22]p. (foreign text included).
Order from SLA \$2.50

Trans. of Frequenz (West Germany) 1962, v. 16,
no. 3, p. 69-76.

DESCRIPTORS: \*Reflex klystrons, \*Electron tube parts,
Honeycomb cores, Copper, Life expectancy.

The development of a reflex kylstron for wideband
transmission at frequencies around 11 Gc led to the
problem how to make grids capable of carrying particularly high loads. Honeycomb grids of copper qualify
particularly well for this purpose because of their high
optical transparency. A manufacturing method is described which avoids the irregularities appearing in the
boundary zones of the honeycomb grids known so fax.
(Engineering—Electronic, TT, v. 10, no. 9) (over)

Kuttruff, H.

ARTIFICIAL REVERBERATION. Presented at the convention of the NTG "100 Jahre Elektroakustik",
Frankfur, 26-28 Oct 61. [1962] 23p. 9 refs.
Order from SLA \$2.60 62-18840

Trans. of Frequenz (Germany) 1962, v. 16, no. 3,
p. 91-96.

DESCRIPTORS: \*Acoustic equipment, Acoustical properties, Vibration, Production, Electronic equipment, Circuits, Feedback, Magnetic tape.

AUA

(Physics--Acoustics, TT. v. 9, no. 10)

Raview of the Circuits of Two-Condition, Flip-Flop Stages With Complementary Transistors, by F. Schreiber, 13 pp.

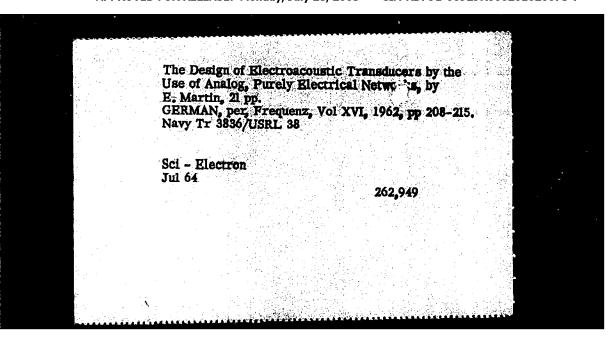
CERMAN, per, Frequenz, Vol XVI, No 4, 1962, pp 121-25. 9206075

AEC/SCL Tr 460

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May 63

130,907



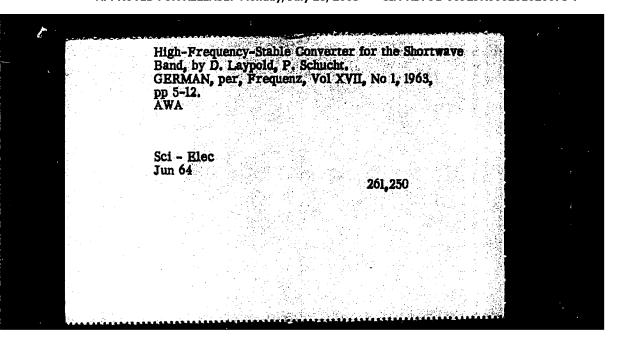
Fundamentals of a General Theory of Direction Finding Birors on Ships, Parts I, II, and III, by G. Ziehm.

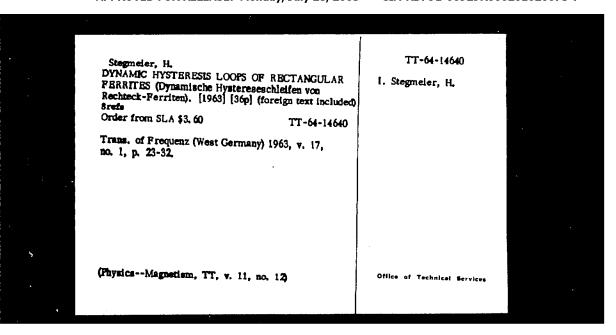
GERMAN, per, Frequenz, Vol XVI, No 8, 11, 12, 1962, pp 281-293; 431, 432; 502-510.

Depression of Theory JHU IAPL 155-4.

Superson Sci - Aero Sci - Misc Jul 65 282,320

MEZGER, P. and ROTHER, H. Refrigerated calibrating resistors as noise temperature standards.
Frequenz 16(20):386-91 (1962) (CSIRO/No. 9074)

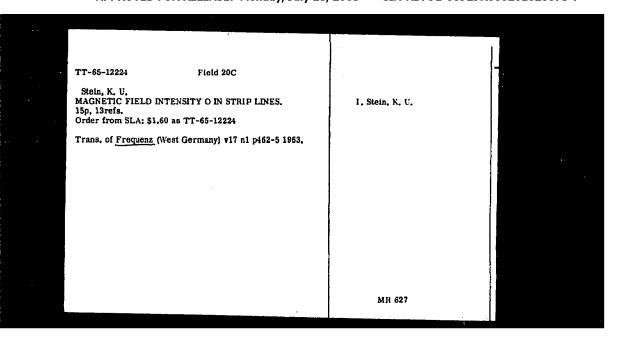




A Calculation Method for the Approximation of Given Travel time Curves, by G. Bosse, 14pp GERMAN, per, Frequenz, Vol 17, 1963, No 3, pp 103-107 SIA TT-64-16281

Sci - Mat June 67

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Kurth, C.

FREQUENCY-SFLECTIVE FILTERS WITH STOPBANDS. [1964] 17p
Order from ATS \$13.75

ATS-39R74G

Trans. of Frequenz (West Germany) 1963, v. 17,
no. 3, p. 113-122.

The state of Technical Services, Inc.,
East Orange, N. J.

Office of Technical Services

Kurth, C.

FREQUENCY-SELECTIVE FILTERS WITH STOP-BANDS. [1964] 15p
Order from ATS \$15.75

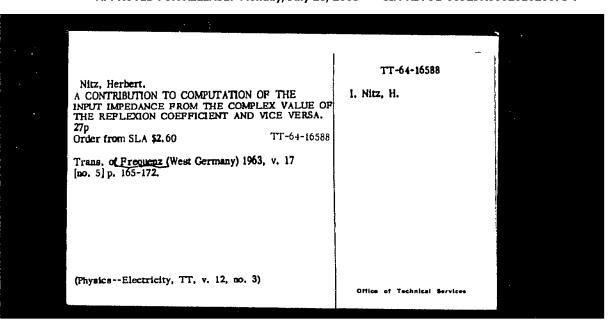
ATS-40R74G

Trans. of Frequenz (West Germany) 1963, v. 17,
no. 4, p. 158-164.

OTS - TT-64-16949

(Engineering--Electronic, TT, v. 11, no. 12)

Office of Technical Services



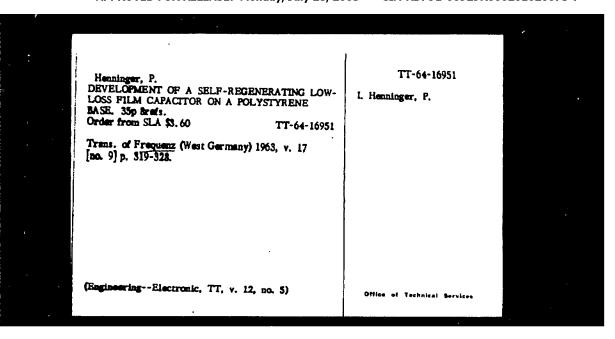
Kurth, C.
FREQUENCY-SELECTIVE FILTER NETWORKS WITH TOTAL STOP-BANDS. [1963] 23p
Order from SLA \$2.60

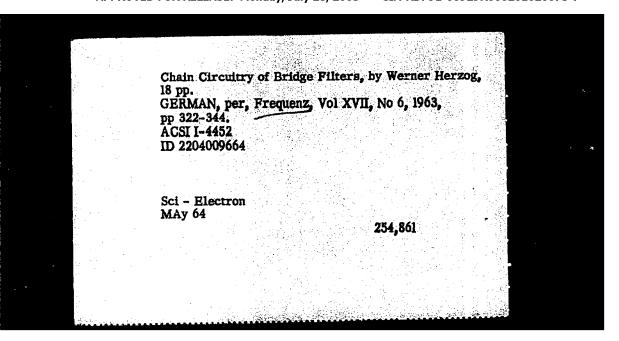
Trans. of Frequenz (West Germany) 1963, v. 17, no. 5, p. 189-200.

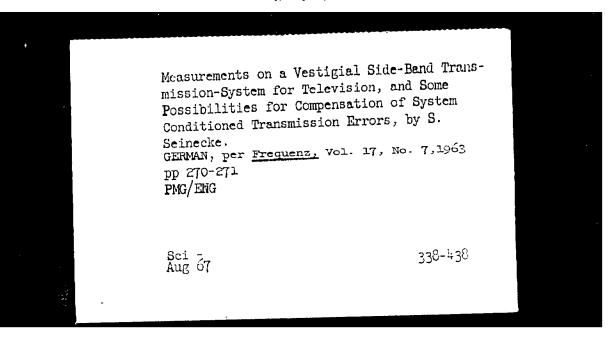
DESCRIPTORS: \*Radiofrequency filters, Circuits, Design, Mathematical analysis.

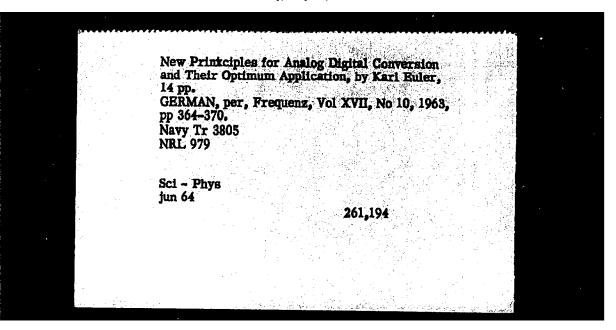
(Engineering--Electronic, TT, v. 11, no. 10)

Office of Technical Services









A Contribution to the Theory of Magnetic Reversal With Ferrites. Part I. Investigation of a Gyclindrical Wall Displacement Model, by W. Hilberg.

EUROPEAN, per, Frequenz, Vol 18, 1964, pp 84-96

NTC 72-11932-20C

NTSH TTF-11,677

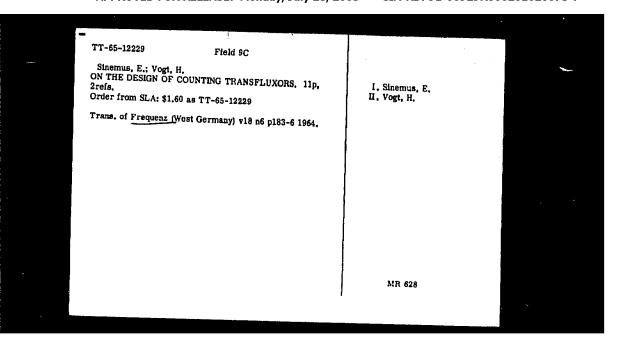
June 72

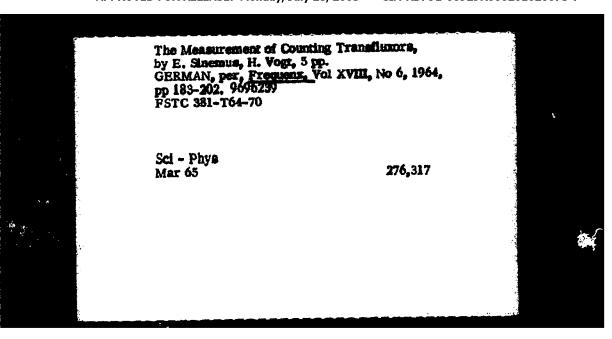
Demodulation Of Light With Semi-Conductor Photo-Diodes, by K. Garbrecht, W. Heinlein.
GERMAN, per, Frequenz., Vol 18, No 4
1964, pp 12149
PMG/ENG

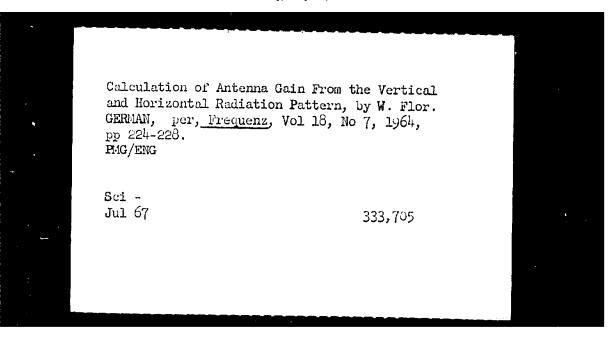
Sei Sep 67
340,107

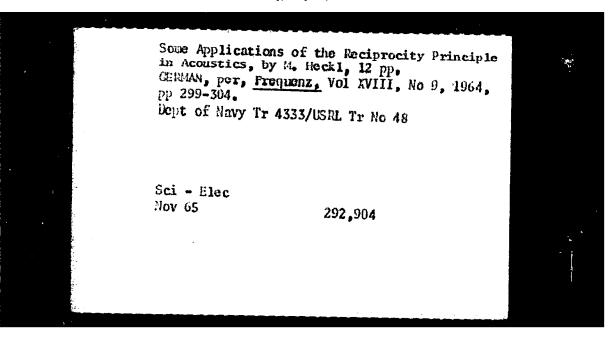
A Contribution to the Theory of Magnetic Reversal in Ferrites II. Wall-Shifting Model Taking Into Account Non-Homogeneities and Amsorropies, by W. Hilberg, 39 pp. GERMAN, per, Fromens, Vol XVIII, No 6, 1964, 1 pp 183/202, 96962364. 7
FSTC 381-T64-70

Sci - Phys Mar 65 276,318









Low-Pass Filters with a Chebishev Attenuation Characteristic in the Stop-Band and with Sptimally Flat Delay Time, by K. H. Peistel, R. Unbehauen. GERMAN, per, Frequenz, Vol 19, 1965, pp 265-82. ATS-271900

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331, 536

Sci - Klectron Jul 67

Essay on the Probabilities of the Length of Human Life, by Deparcioux, 51 pp.

PREECH, bk, Freres Guerin, Paris, 1746, pp 132, plus xxii, plus 16. Partial tr pp 74-88, Tables IX-XIII, and pp 1-16 of Appendix.

NIH 10-17

Sci - Medicine Oct 59

99,377

R-5837-D
8 Sept 65
Photometric Determination of CO in the Atmosphere
By: G. Civilanda
From: Fremenius Exitectarist for Analytische Chemin
155:321-327, 1957 (7 pp)

German - est for wis:
Type one original only.

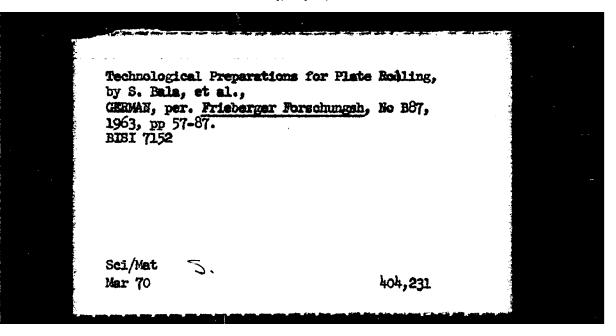
Comparative Investigatino of the Determination of Nitrogen by the Kjeldahl and Dumas Methods, by H. Hubsch, K. Nehring.

GERMAN, per, <u>Fresentus' Z. fue r Analytische</u> Chemie, Vol CLXXIII, No 4, 1960, pp 278-284.

CBIRO 5332

Sci -Chem Jul 62

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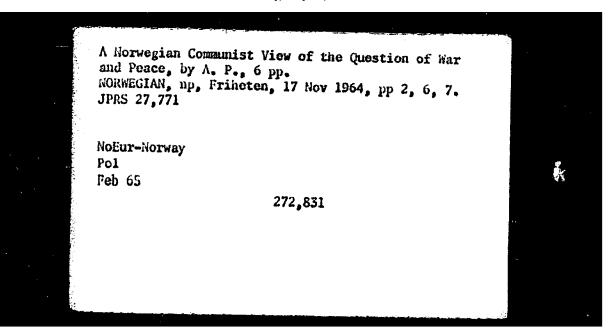


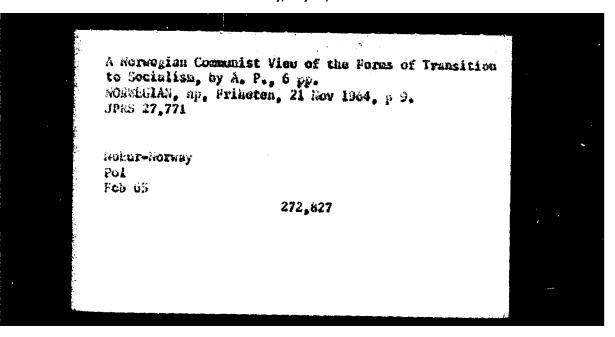
Amanita Muscaria and the "Berserk" Fury, by
P. Thorsen, 21 pp.

DANISH, per, Friesia, Vol III, 1948, pp 333-351.

HIR 7r 11-45

44, 84/





Horsegian Communist Daily on Communist Unity and Youth Organizations 1. For International Unity: Discussion of the Conoral Line, by A. P., 5 pp. HORREGIAN, np. Friheten, 27 Nov 1964, pp 2, 14. JPES 27,756

Nellar-Horney Pol Feb os

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Sea Power and Security - a Fateful Problem for all Germans, Priedrich Ruge, 37 pp. FOR OFFICIAL USE ONLY GERMAN, bk, Fritz Schlichtenmayer Tuebingen-Neckar 1955. 9699221
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